

III. REMARKS

1. Claim 1 is proposed to be amended to merely clarify the intended meaning of the claim.

Entry of this change is respectfully solicited for purposes of appeal, should the present situation remain unchanged in light of this response.

2. Applicant generally agrees with the Examiner that a GPRS system is designed to provide real-time services as noted by the Examiner in the response to Arguments, paragraph 6, page 10 of Office Action mailed November 22, 2005. However, the GPRS system is not restricted to be used merely for real-time services. Furthermore, the Examiner appears to overlook at least one of the specific features recited in claim 1, which is that the terminal sends the network a "first message" which is a request for "allocating" a radio resource for the "packet switched implementation of a realtime service." This first message includes a bit pattern that indicates that a "radio resource is requested for a realtime service." This particular feature is neither disclosed nor suggested by Chang.

A basic requirement for realtime services is that the client has to be able to inform the network that it wants to send realtime data. Applicant's invention, as recited in claim 1, includes a request for a radio resource for a realtime service. The "request" allows the network to ensure that it is able to allocate resources in a way that specific realtime service requirements are met. Without this indication, or "request", the network is not able to allocate resources correctly. Chang does not disclose or suggest sending such a "request" for the allocation of a radio resource for the implementation of a radio resource. Rather, Chang only "enables" real-time applications but does not issue a request to allocate such a resource.

Chang is directed to setting up control channels that can be used as session control channels. (Abstract). The problem Chang addresses is that the signaling channels for call set up in the GSM structure are too slow for realtime applications (Col. 1, lines 52-

64). Thus, Chang proposes control channels that will enable "real time" interactively for packet switched sessions and allow a variety of services, such as real-time applications, to be offered. While certain "requests" can be made using these channels, there is no reference to a request to allocate a radio resource for a realtime service. Chang only establishes another logically and physically separate and independent set of control channels to be used as session control channels. (Col. 2, lines 7-12). There is no request as claimed by Applicant. While the Medium Access Control (MAC) layer of Chang may "enable" real-time applications, there is no disclosure in Chang related to a "request" for "radio resource... for a realtime service."

Chang uses the Packet Channel Request Message to gain access to a traffic channel. (Col. 4, lines 30-32). The "message indicates the access type or reason for access". (Col. 4, line 34-35). There is no disclosure or suggestion here that the "message" is a request for a "radio resource... for a real time service" as claimed by Applicant. Note that in Chang, the "message" does "not indicate the amount of data to be transferred by the mobile." (Col. 4, lines 37-40). While Chang may access a traffic channel, as stated by the Examiner, there is simply no disclosure that a "radio resource is requested for a realtime service" as claimed by Applicant.

There is a difference between a "radio resource" and a request for a "realtime service", which the Examiner appears to be overlooking. Thus, while Chang may "enable" real-time applications, it does not teach a request for a "realtime service" as claimed by Applicant.

Col. 6, lines 1-25 discloses that the Walsh codes can be used to identify the mobile unit that is making the "access requests" (Col. 6, lines 15-22). Nothing in this portion of Chang refers to a request for a "radio resources... for a realtime service."

Col. 4, lines 37-38 and Col. 8, lines 53-60 of Chang, referred to by the Examiner, deals with "gaining access" to a traffic channel. Specifically, Col. 4, lines 37-38, relate to the packet channel request. Nothing here suggests that the packet channel request is a

request for a "radio resource... for a realtime service." Col. 8, lines 53-60 deals with the detection of voice activity after an "inactive" period, and the assignment of a "PDTCH" so that "speech packets" can be transmitted. As noted, the "mobile unit informs the base station of this fact." (Col. 8, lines 54-55). Nothing here suggests a request for a "radio resource... for a realtime service as claimed by Applicant."

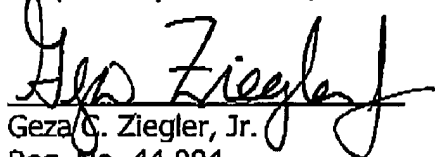
Thus, it is again respectfully submitted that claims 1, 4-6, 8 and 13 cannot be anticipated by Chang. Chang talks about access to control channels and enabling of realtime services, but does not disclose a specific request for a radio resource for a realtime service, as claimed by Applicant. Therefore, the claims cannot be anticipated.

Claims 2, 3, 7, 9-12, and 14-18 should be allowable at least by reason of their respective dependencies.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



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22 FEBRUARY 2006
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I hereby certify that this correspondence is being transmitted by facsimile to (571) 273-8300 the date indicated below, addressed to the Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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